

Appln. No. 10/753,866  
Amendment dated January 17, 2006  
Reply to Office Action of September 14, 2005

**Amendments to the Abstract:**

Please replace the Abstract in the present application with the following Abstract. A clean copy of the Abstract identified as page 13 is attached for scanning purposes by the USPTO. No new matter has been added.

~~The present invention discloses a~~ A grounding arrangement in a system using ~~the same connector~~ connectors for 5- and 12-lead connection in ECG-measurement. If a 5-lead configuration is used, the connector elements of the 12-lead connection are used for grounding of lead wire shields. ~~In the system according to the invention grounding of the lead wire shields is performed through a current limiting element circuit exhibiting non-linear voltage-current characteristics.~~